Amendments to the Claims

Please cancel Claims 1-7. Please amend Claims 8-13 and 15. Please add new Claims 18-23. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A method for forming a coated abrasive belt comprising:
   (a) providing a coated abrasive strip having first and second opposed ends; ~~and~~
   (b) joining the ends of the strip with an adhesive formed from a blocked isocyanate urethane system wherein the isocyanate of said system consists essentially of blocked isocyanate; and
   (c) heating the strip to a temperature in the range of between 100°C and 180°C to deblock the blocked isocyanate and cure the isocyanate urethane system.

9. (Currently Amended) The method of Claim 8 wherein the blocked isocyanate urethane system includes ~~further comprising the step of crosslinking the adhesive with~~ an amine.

10. (Currently Amended) The method of Claim 8 wherein the blocked isocyanate urethane system includes ~~further comprising the step of crosslinking the adhesive with~~ an alcohol.

11. (Currently Amended) The method of Claim 8 wherein the blocked isocyanate urethane system includes ~~further comprising the step of crosslinking the adhesive with~~ a polyol.

12. (Currently Amended) A method for forming a coated abrasive belt comprising joining ends of a strip of coated abrasive together with an adhesive formed from a blocked isocyanate urethane system wherein the isocyanate of said system consists essentially of blocked isocyanate and heating the strip to a temperature in the range of between 100°C and 180°C.

13. (Currently Amended) A method for forming a coated abrasive belt comprising:
    (a) forming an isocyanate urethane system wherein the isocyanate of said system consists essentially of at least one compound selected from the group consisting of blocked isocyanate terminated polyurethane prepolymers and blocked isocyanates;
    (b) joining ends of a strip of coated abrasive with the isocyanate urethane system; and
    (c) heating the strip to a temperature in the range of between 100°C and 180°C to cure the isocyanate urethane system.

14. (Previously presented) A method for forming a coated abrasive belt comprising:
    (a) forming a blocked isocyanate urethane system that includes a high molecular weight polyurethane containing hydroxyl functionality and wherein the isocyanate of said system consists essentially of blocked isocyanate;
    (b) joining ends of a strip of coated abrasive with the blocked isocyanate urethane system; and
    (c) heating the strip to cure the blocked isocyanate urethane system.

15. (Currently Amended) A method for forming a coated abrasive belt comprising:
    (a) forming a blocked isocyanate urethane system by mixing a first component with a second component wherein the isocyanate of said system consists essentially of blocked isocyanate;

(b) joining ends of a strip of coated abrasive with the blocked isocyanate urethane system; and

(c) heating the strip to a temperature in the range of between 100°C and 180°C to cure the blocked isocyanate urethane system.

16. (Original) The method of Claim 15 wherein the first component includes a blocked isocyanate terminated polyurethane prepolymer and the second component includes polyamine or polyol.

17. (Previously presented) A method for forming a coated abrasive belt, comprising:

(a) forming a blocked isocyanate urethane system by mixing a first component that includes a high molecular weight polyurethane containing hydroxyl functionality with a second component that includes blocked polyisocyanate; wherein the isocyanate of said system consists essentially of blocked isocyanate;

(b) joining ends of a strip of coated abrasive with the blocked isocyanate urethane system; and

(c) heating the strip to cure the blocked isocyanate urethane system.

18. (New) The method of Claim 8 wherein the blocked isocyanate urethane system includes a high molecular weight prepolymer containing hydroxyl functionality.

19. (New) The method of Claim 8 wherein the blocked isocyanate urethane system includes a high molecular weight prepolymer containing blocked isocyanate functionality.

20. (New) The method of Claim 13 wherein the isocyanate urethane system includes a crosslinking agent selected from the group consisting of amines, alcohols, and polyols.

21. (New) The method of Claim 13 wherein the isocyanate urethane system includes a high molecular weight prepolymer containing hydroxyl functionality.

22. (New) The method of Claim 14 wherein the blocked isocyanate urethane system includes a high molecular weight prepolymer containing blocked isocyanate functionality.

23. (New) The method of Claim 15 wherein the blocked isocyanate urethane system includes a crosslinking agent selected from the group consisting of amines, alcohols, and polyols.